| Inde | x of | Claims |  |
|------|------|--------|--|
|      |      |        |  |

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/668,074              | BENKE, JAMES J.                         |
| Examiner                | Art Unit                                |

|   | Rejected | 1 | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
| - | Allowed  | 4 | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

Danny Nguyen

| A | Appeal   |
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| Cla       | im         |          |                 |          |          | Date         | 9         |  |          |          |      | Cla         | im       |                 |          |                | D        | ate                |          |              |   |                | : [           | Cla   | aim        |  |              |          | Date               | <u>e</u>     |                 |          |           |
|-----------|------------|----------|-----------------|----------|----------|--------------|-----------|--|----------|----------|------|-------------|----------|-----------------|----------|----------------|----------|--------------------|----------|--------------|---|----------------|---------------|-------|------------|--|--------------|----------|--------------------|--------------|-----------------|----------|-----------|
| _         | ਗ          | 9        |                 |          |          |              |           |  |          |          |      | l           | ਲ        |                 | -        |                | 1        | 1                  |          | - 1          |   |                | 1             | _     | ਲ          |  |              |          | 1                  |              |                 |          |           |
| Final     | Original   | 3/29/06  |                 |          |          | ١.           |           |  |          |          | 1    | Final       | Original |                 |          |                | - 1      | - 1                |          |              | 1   |                |               | Finat | Original   |  | ļ            | ۱.       | 1                  |              |                 |          |           |
| 证         | 6          | 3/2      |                 |          |          |              |           |  |          |          | ŀ    | I II        | 9        |                 |          |                |          | ļ                  | -        |              |   |                | 1             | 正     | ĕ          |  |              | 1        | 1                  |              |                 |          |           |
|           | l _        |          | _               |          |          | <u> </u>     |           |  |          |          | 4, 4 |             |          |                 | $\dashv$ | $\dashv$       | $\dashv$ | -                  | +        | 4            |   | 4              | F             |       |            |  | +-           | ╄        | ╁                  |              |                 | -        | -         |
|           | (D         | V        |                 | -        |          | <u> </u>     |           |  | _        | _        | :    |             | 51       | Н               | $\dashv$ | +              | -+       | $\dashv$           | +        | +            | +   | 4.             | -  -          |       | 101        | +  | +            | $\vdash$ | ┼                  | -            | $\vdash$        | $\dashv$ | $\dashv$  |
|           | 2          | V        |                 | -        |          | <u> </u>     |           | -  |          | _        |      |             | 52       | $\vdash$        | -        | -              | $\dashv$ | $\dashv$           | +        | +            | ┿   | $\dashv$       | <u>.</u> :- - |       | 102        | +  | +            | ⊬        | ┿                  |              | $\vdash$        |          |           |
| <u> </u>  | 3          | V        | -               |          |          | -            | _         | H  |          |          |      |             | 53<br>54 | $\vdash$        |          | $\dashv$       | -        | $\dashv$           | +        | $\dashv$     | +   | ┨.             | <u>"</u>      |       | 103        | +  | +-           | +-       | ╁                  | ┢            | $\vdash$        | -        |           |
|           | 5          | V        | $\dashv$        | _        |          |              | <u> </u>  |  | $\vdash$ | _        |      | <u> </u>    | 55       | -               | $\dashv$ | -              | $\dashv$ | $\dashv$           | +        | +            | +   | ز ۱            | : }-          |       | 104        | +  | ╫            | ╁┈       | ╫                  | ⊢            | $\vdash$        | $\dashv$ | $\dashv$  |
|           | 6          | X        | -               | -        |          | <u> </u>     |           | -  |          |          |      | <u> </u>    | 56       | Н               | -        | -+             | $\dashv$ | +                  | +        | +            |   | ۱.             | ·  -          |       | 106        | $\dashv$   | ╫            | ╁        | $\vdash$           |              | Н               | $\dashv$ | $\dashv$  |
|           | 7          | Ω        | $\dashv$        | -        |          | ┝            | $\vdash$  | $\vdash$   | <u> </u> |          | ŀ    | <u> </u>    | 57       | $\vdash$        | -        | +              | $\dashv$ | $\dashv$           | ╁        | +            |   | ٦.             | ·ŀ            |       | 107        | +  | ┿            | +        | +                  | ├─           | $\vdash$        | $\dashv$ | $\dashv$  |
|           | 8          | L.V      | $\dashv$        | -        |          | $\vdash$     | $\vdash$  | ⊢  | -        |          | ·    | <del></del> | 58       | $\vdash$        | -        | $\dashv$       | $\dashv$ | $\dashv$           | +        | ┿            | +   | ۰. ا           | · ⊦           |       | 108        |  | ┿            | ┢        | ╁                  |              | Н               | 十        | $\dashv$  |
| <b>-</b>  | 9          | √<br>0   | $\dashv$        | -        |          | $\vdash$     |           | $\vdash$   | $\vdash$ |          |      | <u> </u>    | 59       | Н               | -+       | -              | -        | -                  | +        | +            | +   | ١.             | ŀ             | _     | 109        | -  | +-           | ╁        | ╁                  |              | $\vdash$        | ⇥        | $\dashv$  |
|           |            | 0        |                 | _        |          | -            | -         | -  |          |          | 0    |             | 60       | H               |          | $\dashv$       | $\dashv$ | $\dashv$           | +        | $\dashv$     | +-  | - 1            | ŀ             | -     | 110        |  | +-           | +        | $\vdash$           | ┢            | H               | $\dashv$ | $\dashv$  |
| -         | 11         | ()<br>() |                 | $\dashv$ | -        | H            | $\vdash$  | $\vdash$   | $\vdash$ |          |      | $\vdash$    | 61       | $\vdash \vdash$ | $\dashv$ | -              | $\dashv$ | $\dashv$           | +        | $\dashv$     | +   | -  1           |               |       | 111        | +  | +            | +        | +                  | $\vdash$     | $\vdash$        | $\dashv$ | $\dashv$  |
|           | 12         | V        | $\vdash$        | $\dashv$ |          |              |           | <del>                                     </del> |          | _        |      | <b>-</b>    | 62       | $\vdash$        | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$           | $\dashv$ | +            | -+-   | <b>-</b>  `:": | ŀ             |       | 112        | $\dashv$   | +            | t        | 1                  | t            |                 | $\dashv$ | $\dashv$  |
| <u> </u>  | 13         | v        | $\dashv$        |          |          | $\vdash$     | Т         | $\vdash$   |          |          | 1    |             | 63       |                 | -        | $\neg \dagger$ | $\dashv$ | $\dashv$           | $\dashv$ | $\dashv$     | +   | ٦.             | ŀ             |       | 113        | +  | Ť            | ļ-       | †                  | t            | H               | $\dashv$ | 一         |
| <b></b> - |            | V        | $\vdash$        |          |          | $\vdash$     | Т         | $\vdash$   |          |          | -    |             | 64       | H               | $\dashv$ | _              |          |                    | $\dashv$ | $\dashv$     | +   | ٦.             | :             |       | 114        | $\dashv$   | +            | 1        | T                  | 1            | Н               | ヿ        | $\neg$    |
|           | 14<br>(15) | V        | $\vdash$        | -        |          | $t^-$        | H         |  | Н        |          |      | <b></b>     | 65       | H               | $\dashv$ | $\dashv$       | -        | $\dashv$           | $\dashv$ | $\dashv$     | +   | 1              | +             |       | 115        | $\dashv$   | $\top$       | T        | T                  | $\vdash$     | Н               | 一        | $\dashv$  |
|           | 16         | V        | $\vdash$        |          | <u> </u> | H            | <u> </u>  |  |          |          |      | <b> </b>    | 66       | $\vdash$        | $\vdash$ | -+             | $\dashv$ | $\dashv$           | $\dashv$ | 十            | 十   | 1              | ٦ <u></u>     |       | 116        | 十  | $\top$       | T        | T                  | t            | $\Box$          | $\dashv$ | $\dashv$  |
|           | 17         | Ů        | H               | $\neg$   |          | T            | П         |  |          |          |      |             | 67       | H               |          | 7              | 7        | $\dashv$           | $\dashv$ | 十            | $\top$  | 12             |               |       | 117        | $\top$   | +            | 1        | $\top$             |              | П               | ヿ        | $\exists$ |
|           | 18         | 0        | H               |          |          | T            | П         | П  | Г        | -        | #. f |             | 68       | П               | $\neg$   | 7              | _        | $\neg$             | $\top$   | $\dashv$     | T   |                | ្រា           |       | 118        | $\top$   | $\top$       | 1        |                    | ·            | П               | 寸        | $\neg$    |
|           | 19         | V        | Ħ               |          |          | <u> </u>     |           |  |          |          |      |             | 69       |                 |          | 7              | $\neg$   | $\dashv$           | $\dashv$ | $\top$       | 十   |                | <b>:</b>  -   |       | 119        | $\neg$   | 1            | T        | $\vdash$           | <b>†</b>     | П               | $\neg$   | $\neg$    |
|           | 20         | v        |                 |          |          |              |           | Г  |          |          | #5   |             | 70       | П               | $\neg$   | _              | 寸        | ┪                  | す        | 十            | 十   | 7              | 1             |       | 120        | 1  | 1            | Т        | T                  |              | П               | $\neg$   | П         |
| <u> </u>  | 21         | V        | $\Box$          |          | -        | ┢            | $\vdash$  |  |          |          | 4.1  |             | 71       | H               |          | 1              | 寸        | T                  | T        | 十            | T   | 4              |               |       | 121        | $\neg$   | 1            | T        | T                  | <b>1</b>     | П               | ヿ        | $\Box$    |
|           | 22         | v        | П               |          |          | Т            | П         | Г  | -        |          |      |             | 72       | П               |          | _              | 一        | 7                  | $\neg$   | す            | T   |                |               |       | 122        | $\top$   | 1            | T        | T                  | $\vdash$     |                 | T        | ı         |
|           |            | O        | П               |          |          |              |           |  |          |          |      |             | 73       |                 |          |                | _        |                    |          |              | T   | 1              | . [           |       | 123        | 一  |              |          | 1                  | Π            | П               | コ        | П         |
|           | 24         |          | П               |          |          |              |           |  |          |          | ĺ    |             | 74       | П               |          | T              | 丁        |                    |          |              |   | ٦.,            | , †           |       | 124        | $\neg$   | $\top$       |          | 1                  |              | П               | $\neg$   | П         |
|           | 25         | _        |                 |          |          |              |           | Г  |          |          |      |             | 75       | П               |          |                |          |                    | 寸        | $\neg$       |   | -              | ſ             |       | 125        | $\neg$   | $\top$       | Τ        | 1                  |              |                 | T        | $\neg$    |
|           | 26         |          |                 |          |          |              |           |  |          |          | ,    |             | 76       |                 |          |                |          |                    |          | $\top$       |   | ٦.             | Ī             |       | 126        | _  |              | Τ        | T                  |              | П               | $\neg$   | $\Box$    |
|           | 27         |          |                 |          |          |              |           |  |          |          | 1    |             | 77       | Ħ               |          | T              |          |                    | $\neg$   |              |   |                | Ī             |       | 127        | $\neg$   | $\top$       | Τ        | Т                  | Π            | П               | П        | $\Box$    |
|           | 28         |          |                 |          |          |              |           |  |          |          | 1    |             | 78       | П               |          |                |          |                    | $\neg$   | Т            |   |                | Γ             |       | 128        | $\neg$   | T            | Τ        | Т                  |              |                 |          | $\Box$    |
|           | 29         |          |                 |          |          |              |           |  | П        |          | ٠.   |             | 79       | П               |          |                |          |                    |          |              |   | 7              | ſ             |       | 129        |  |              |          |                    |              |                 |          |           |
|           | 30         |          |                 |          |          |              |           |  |          |          |      |             | 80       |                 |          |                |          |                    |          |              |   | ٦              | 1             |       | 130        |  |              | П        | T                  |              |                 |          |           |
|           | 31         |          |                 |          |          |              |           |  |          |          | ]    |             | .81      |                 |          | $\Box$         |          |                    |          | $oxed{T}$    | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | ] .            |               |       | 131        | $oxed{oxed}$   | $oxed{\Box}$ |          | $oxedsymbol{oxed}$ |              |                 | $\Box$   |           |
|           | 32         |          |                 |          |          |              |           | <u> </u>   |          |          |      |             | 82       |                 |          |                |          |                    |          |              |   | ]              | 1             | -     | 132        |  | I            |          |                    | 匚            |                 |          |           |
|           | 33         |          |                 |          |          |              |           |  |          |          |      |             | 83       |                 |          | $\Box$         |          | $\Box$             |          | $oxed{oxed}$ |   | ⅃              |               |       | 133        | $\bot\!$ | $\perp$      |          |                    |              | Ш               | [        |           |
|           | 34         |          |                 |          |          |              |           |  |          |          | ļ ·  |             | 84       | Ш               |          | _]             |          | [                  | $\Box$   | $\Box$       |   | _[             |               |       | 134        | $\perp \!\! \! \! \! \! \! \! \perp$   | $\perp$      | $\perp$  | 1                  | $\vdash$     | Ш               | ]        | $\perp$   |
|           | 35         | <u> </u> | Ш               |          |          | <u> </u>     | <u> </u>  | $oxedsymbol{oxed}$                               | Ш        |          |      | <u></u>     | 85       | Ш               |          | _              |          |                    |          | $\perp$      | $\bot$  | _  -           |               |       | 135        | _ _  | 1            | $\perp$  | $\perp$            | ╙            | Ш               | ļ        | Щ         |
| L         | 36         |          | Ш               |          | L.,      |              | <u>L</u>  | L.   | <u> </u> |          |      |             | 86       | Ш               |          |                | _        | $\perp \downarrow$ | _        | _            | $\perp$   | _  ,           |               |       | 136        |  | $\perp$      | ↓_       | 丄                  |              | Ш               |          |           |
| <u> </u>  | 37         | <u> </u> | Щ               | _        | Щ        | <u> </u>     | <u> </u>  | $oxed{oxed}$                                     | بــا     | _        | 1    | <u> </u>    | 87       | $\sqcup$        | $\sqcup$ | _              |          | _                  | $\perp$  | 4            | _   | 4              | Ļ             |       | 137        | $\bot$   | $\bot$       | ╀        | 1                  | $\vdash$     | Ш               | _        | $\square$ |
| <u> </u>  | 38         | <b> </b> | Щ               |          | L        | <u> </u>     | <u>L.</u> | <u> </u>   | <b> </b> |          |      | <u> </u>    | 88       | Щ               | $\Box$   | _              | _        | _                  | _        | 4            | _ _   | 4              | L             |       | 138        | _  | +            | $\perp$  | $\vdash$           | $\vdash$     | Ш               | _        | Щ         |
| <u> </u>  | 39         | <u> </u> | Ш               |          | _        | L            | <u> </u>  | <u> </u>   | Щ        |          |      |             | 89       | Щ               |          | _              | _        | _                  | $\perp$  | 4            | 4   | 4              | L             |       | 139        | _  | 4            | $\perp$  | 4                  | $\vdash$     | Ш               | _        | Щ         |
| <u> </u>  | 40         | _        | Ш               | _        | L.       | _            | Ь         | $\vdash$   | <u> </u> |          | 1    | <u> </u>    | 90       | Щ               | $\sqcup$ | 4              | _        |                    | 4        | $\dashv$     | 4   | 4              | F             |       | 140        | $\perp$  | $\bot$       | ┺        | ₩                  | <del> </del> |                 |          | $\vdash$  |
| <u> </u>  | 41         | _        | Ш               | _        | <u> </u> | Ļ.           | $\vdash$  |  | _        | <u> </u> | l    | <u> </u>    | 91       | $\sqcup$        | $\Box$   | _              | _        | _                  | 4        | +            | +   | ┦.             | -             |       | 141        |  | +-           | $\vdash$ | ₩                  | <b>├</b> -   | $\vdash \vdash$ | 4        | $\dashv$  |
| <u> </u>  | 42         | <u> </u> | $\sqcup$        |          | <u> </u> | <u> </u>     | H         | <u> </u>   | <u> </u> | L        | l    | <u> </u>    | 92       |                 |          |                | _        |                    | -        | 4            |   | 4              | Ļ             |       | 142        |  | - -          | $\vdash$ |                    | ├            | Н               |          | $\dashv$  |
| <u> </u>  | 43         | <u> </u> | $\sqcup$        | _        |          | <u> </u>     | ļ         | <b> </b>   | _        | ļ        | l    | <u> </u>    | 93       | $\sqcup$        | $\sqcup$ | 4              |          | 4                  |          | 4            | 4   | 4              | -             |       | 143        | _ -  | +            | +-       | $\vdash$           | $\vdash$     | Н               | <b>—</b> | _         |
|           | 44         | <u> </u> | Щ               | _        | $\vdash$ | <u> </u>     |           | <u> </u>   | $\vdash$ | _        | l    | ļ           | 94       | -               | $\sqcup$ |                |          |                    | $\dashv$ | $\dashv$     | -   | 4              | Ļ             |       | 144        | $\dashv$   | +            | -        |                    |              | $\vdash$        |          | $\dashv$  |
|           | 45         | ├        | ${oxed}$        | _        | <u> </u> | <u> </u>     | <b> </b>  | Ŀ  | -        |          | 1    | <u> </u>    | 95       |                 |          |                | -        | $\dashv$           | $\dashv$ | +            | _   | -              | ŀ             |       | 145        | +  | +            |          | ┼                  | ₩            | Н               |          | $\dashv$  |
|           | 46         | Ŀ        | ${oxed}$        | _        |          | ⊢            | $\vdash$  | $\vdash$   | <u> </u> | _        |      | <u> </u>    | 96       | $\vdash$        |          |                |          | $\dashv$           | $\dashv$ | +            | +   | 4              | ŀ             |       | 146        | +  | +            | +-       | $\vdash$           |              | Н               |          | $\dashv$  |
| <u> </u>  | 47         | ⊢        | $\vdash \vdash$ | _        |          | ├-           | <u> </u>  |  | $\vdash$ | <u> </u> | 1    | <u> </u>    | 97       | $\vdash \vdash$ | $\dashv$ | $\dashv$       | 4        | $\dashv$           | -        | +            | +   | -              | ŀ             |       | 147        | +  | +            | +-       | ╀-                 | ├            | $\vdash$        |          | $\dashv$  |
| <u> </u>  | 48         | ├        | $\vdash \vdash$ | _        | <u> </u> | <del> </del> | $\vdash$  | $\vdash$   | H        | _        | l    | <u> </u>    | 98       | $\vdash \vdash$ | $\dashv$ | $\dashv$       | $\dashv$ | -+                 | +        | -            | +   | $\dashv$       | ŀ             |       | 148        |  | +            | +        | +                  | $\vdash$     | $\vdash$        |          | -         |
| <u> </u>  | 49<br>50   | ├-       | Н               | _        |          | ⊢            | ⊢         | $\vdash$   | $\vdash$ | _        |      | <u> </u>    | 99       | $\vdash \vdash$ | $\dashv$ | $\dashv$       | $\dashv$ | +                  | +        | $\dashv$     | +   | $\dashv$       | ŀ             |       | 149<br>150 | +  | +            | ₩        | ₩                  | $\vdash$     | Н               |          | $\dashv$  |
|           | 50         | L        | ш               |          |          | Ц_           | L         | Щ  | ٺــــا   |          | }    |             | 100      | Ш               |          |                |          |                    |          |              |   | ┙              | L             |       | 150        |  |              | 1        | Щ                  | <u></u>      | ш               |          |           |